

519 #19



OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/957,458B

DATE: 05/13/2003

TIME: 16:15:14

Input Set : A:\US09957458.ST25.txt

Output Set: N:\CRF4\05132003\I957458B.raw

See page 6,

3 <110> APPLICANT: Chen, Una
5 <120> TITLE OF INVENTION: Method for growing stem cells
7 <130> FILE REFERENCE: P66567US0
9 <140> CURRENT APPLICATION NUMBER: US 09/957,458B
10 <141> CURRENT FILING DATE: 2001-09-21
12 <150> PRIOR APPLICATION NUMBER: PCT/EP00/08247
13 <151> PRIOR FILING DATE: 2000-08-24
15 <150> PRIOR APPLICATION NUMBER: EP 99116533
16 <151> PRIOR FILING DATE: 1999-08-24
18 <160> NUMBER OF SEQ ID NOS: 10
20 <170> SOFTWARE: PatentIn version 3.2
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 7969
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29 a gene product of interest
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62 <220> FEATURE:

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63 <221> NAME/KEY: misc_feature
64 <222> LOCATION: (762)..(762)
65 <223> OTHER INFORMATION: n is a, c, g, or t
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Input Set : A:\US09957458.ST25.txt

Output Set: N:\CRF4\05132003\I957458B.raw

124 <222> LOCATION: (929)..(929) /
125 <223> OTHER INFORMATION: n is a, c, g, or t
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144 <222> LOCATION: (959)..(959) /
145 <223> OTHER INFORMATION: n is a, c, g, or t
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149 <222> LOCATION: (967)..(969) /
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155 <223> OTHER INFORMATION: n is a, c, g, or t
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184 <222> LOCATION: (1040)..(1041)

RAW SEQUENCE LISTING

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Input Set : A:\US09957458.ST25.txt

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185 <223> OTHER INFORMATION: n is a, c, g, or t
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189 <222> LOCATION: (1047)..(1047) ✓
190 <223> OTHER INFORMATION: n is a, c, g, or t
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194 <222> LOCATION: (1050)..(1050) ✓
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203 <221> NAME/KEY: misc_feature
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208 <221> NAME/KEY: misc_feature
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244 <222> LOCATION: (1126)..(1126) ✓
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RAW SEQUENCE LISTING

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Input Set : A:\US09957458.ST25.txt

Output Set: N:\CRF4\05132003\I957458B.raw

247 <220> FEATURE:
 248 <221> NAME/KEY: misc_feature
 249 <222> LOCATION: (1133)..(1133)
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 277 <400> SEQUENCE: 1

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 280 tgtgacggtc cttacaatga aatgcantctg gggttatcttc ttctgatgag caggggttac 120
 282 aggttaagggg ctcccaagtc ccaaacttga ggggtccataa actctgtgac agtggcaatc 180
 284 actttgcctt tctttctaca ggggtgaatt cggctttcac agagcattca ccgctgaccc 240
 286 ctcccgctcg ggacctctgt agccgctcta tctggctagc aaggaagatt cggtcagacc 300
 288 ttgactgctc ttacggaatc ctatgtaagt tgcctatatt gctgttatct gttttccctt 360
 290 catctttttt gatccagcaa cttaccatca cgcattcagc ccattaccaa ttgtgaaagc 420
 292 tctaatacata tagtcattca tataggttat ttgacatggg cccttccctt gaggaacccc 480
 294 atgtgacttt attttcttcc tctgggctgt ttaggagatg aagttacttg aatgagaaaa 540
 296 tatatatgga gttctagaaa ggattgggtt atatgtcttg gaggtatatt caaaatttat 600
 298 ttggccatat attctgaata ctacctagaa cagattagcc atgggccctn tgggttnttc 660
 300 ataagccatt gttctgaant ttttagctt tgtaaatgaa aggtttatgg gataggaaga 720
 302 gtnctatgaa cgtgggagga atttgtaaat cctaccaatt tntnctatat agcattagcc 780
 304 cccacctttt antattctgc atcaaaagta agatttgttc taaagagaaa ggtnagctat 840
 306 caaaaggact cctataanat tcnttggaag cttntggaan tgtcaaattt ntttgagcta 900
 308 attnttgagag ttccaaantt tgtcttntna cagtnaaggg ggancctcat tcanatttnc 960
 310 cccctnnng anaatgcttg ggggaaaaaa cctnccaacc ccnttgtggg angaagtttt 1020
 312 tttaannttt taaggctngn ngaaacnggn tttaatttt ttggngcnan cgctntccc 1080
 314 cggtagcagg aaaatcagga cctnttttg gggngngcn ccnacngggg ggnaaaangg 1140
 316 gaaatttct canaaaaaat ctttccggn nnnngtgaag catcagggcc tgaacaagaa 1200
 318 catcaacctg gactctgcg atgggatgcc agtggcaagc actgatcagt ggagtgaact 1260
 320 gaccgaggca gagcgactcc aagagaacct tcaagcttat cgtaccttc atgttttggt 1320
 322 ggccaggctc ttagaagacc agcaggtgca ttttacccca accgaagggt acttccatca 1380
 324 agctatacat acccttcttc tccaagtcgc tgcctttgca taccagatag aggagttaat 1440

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/957,458B

DATE: 05/13/2003
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Input Set : A:\US09957458.ST25.txt
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. ~~39,40,41,87,650,657,679,723,762,764,792,834,858,863,874,880~~
Seq#:1; N Pos. ~~891,904,918,927,929,935,944,954,959,967,968,969,972,994,1003~~
Seq#:1; N Pos. ~~1012,1026,1027,1038,1040,1041,1047,1050,1066,1068,1070,1076~~
Seq#:1; N Pos. ~~1104,1114,1115,1117,1120,1123,1126,1133,1138,1149,1153,1169~~
Seq#:1; N Pos. ~~1170,1171,1172,1173,1174,1664,1665,1666,1667,1668~~
Seq#:3; N Pos. 35,36,82,645,652,674,718,757,759,787,829,853,858,869,875,886
Seq#:3; N Pos. 899,913,922,924,930,939,949,954,962,963,964,967,989,998,1007
Seq#:3; N Pos. 1021,1022,1033,1035,1036,1042,1045,1061,1063,1065,1071,1099
Seq#:3; N Pos. 1109,1110,1112,1115,1118,1121,1128,1133,1144,1148,1164,1165
Seq#:3; N Pos. 1166,1167,1168,1169,1659,1660,1661,1662,1663
Seq#:6; N Pos. 466,467,468,469,470,471,472,473,474,475,476,2280,2281,2282
Seq#:6; N Pos. 2283,2284,2285,2286,2287,2288,2289,2290

VERIFICATION SUMMARY

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Input Set : A:\US09957458.ST25.txt

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L:278 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0

M:341 Repeated in SeqNo=1

L:1046 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0

M:341 Repeated in SeqNo=3

L:1834 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:420

M:341 Repeated in SeqNo=6